

IN THE CLAIMS:

Claims 1-5 (previously cancelled).

6. (Currently Amended). An injection unit for an injection molding machine for processing thermoplastic material, said molding machine having a screw guided in a cylinder, comprising

NOT a screw

a first motor coupled to said screw for axially moving said screw in said cylinder for injecting said thermoplastic material, its axial motion driven by spindle and a direct drive coupled by a spindle nut, and

a second motor coupled to said screw by a gear mechanism for rotating said screw for preparing said thermoplastic material for injection, said gear mechanism reducing the rotational speed of said screw relative to said second motor to a speed appropriate for the preparation of said material for injection, wherein the two motors, gear mechanism and spindle nut, apart from rotatory motion, are stationary, and the spindle is rotatably and displaceably arranged between the spindle nut and the screw.

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7. (Currently Amended). The injection unit according to claim 6, wherein the gear mechanism is [can be] blocked during the operation of injecting the thermoplastic material.

8. (Currently Amended) The injection unit according to claim 7, wherein a [non-return valve] stop is provided as the block.

B' 9. (Previously Added) The injection unit according to claim 7,
wherein a belt-pulley gear is provided as the gear mechanism.

10. (Cancelled)
